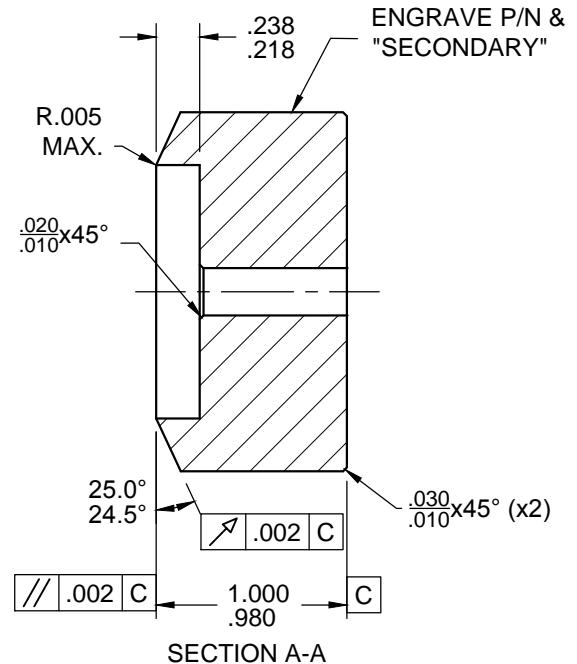
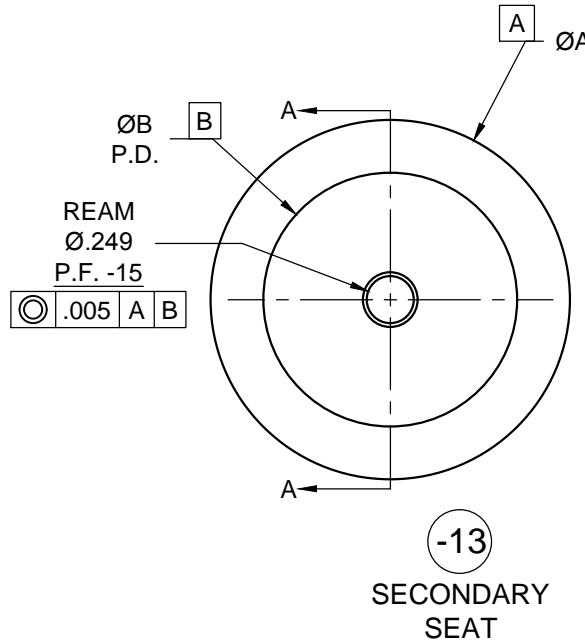


## NOTES

- #### **1. BREAK ALL SHARP CORNERS (.015/.03).**

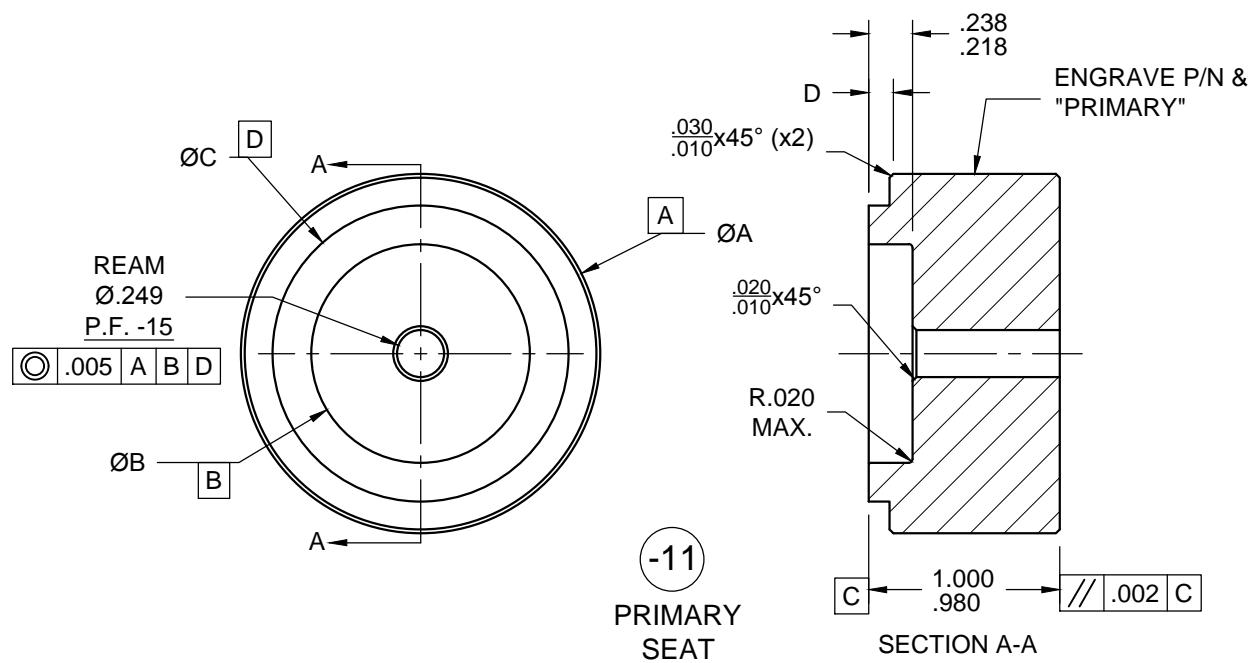
DWG NO.		TITLE RBST1021 THRU 1040 DP SERIES SWAGING TOOL; LOCATING PIN	
TOLERANCES ON: DECIMALS XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC BLACK OXIDE USED ON BEARING SEE Pg. 1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	4-26-08
		SHEET	9 of 9



## NOTES

- ### **1. BREAK ALL SHARP CORNERS (.015/.03).**

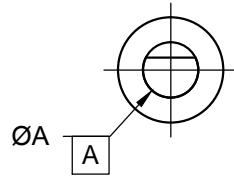
RED BARN MACHINE	
TITLE RBST1021 THRU 1040 DP SERIES SWAGING TOOL; SECONDARY SEAT	
DWG NO.	TOOL# (see chart)-13
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS	
XXX $\pm .005$	FRACTIONS $\pm 1/32$
XX $\pm .01$	ANGLES $\pm 5^\circ$
X $\pm .1$	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: PERRITT	
APPROVED	
HEAT TREAT	
FINISH SPEC BLACK OXIDE	
USED ON BEARING	
SEE Pg. 1	
SCALE	NTS
DATE	4-26-08
SHEET	8 of 9
REV	2



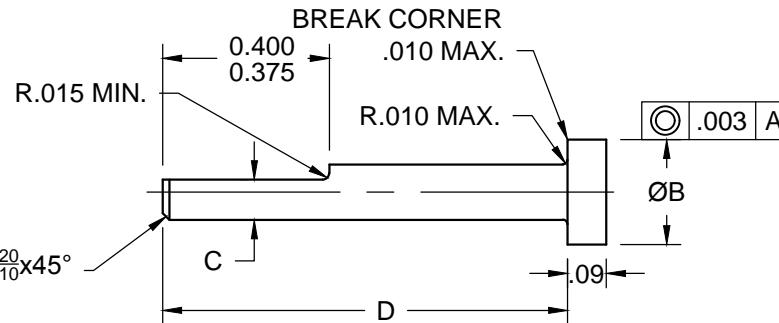
-11  
PRIMARY  
SEAT

## NOTES

 RED BARN MACHINE	
TITLE	RBST1021 THRU 1040 DP SERIES SWAGING TOOL; PRIMARY SEAT
DWG NO.	TOOL# (see chart)-11
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005    FRACTIONS ± 1/32 .XX ± .01                    ANGLES ± .5° .X ± .1	
HEAT TREAT FINISH SPEC BLACK OXIDE	
USED ON BEARING	
SEE Pg. 1	
SCALE	NTS
DATE	4-26-08
SHEET 7 of 9	



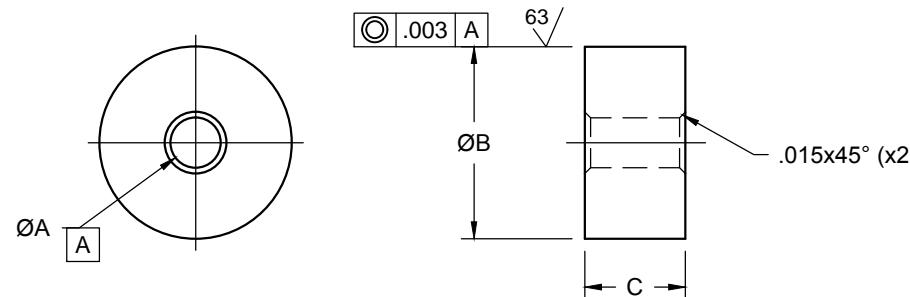
-9  
PIN



## NOTES

- ### **1. BREAK ALL SHARP CORNERS (.015/.03).**

RB		RED BARN MACHINE		
TITLE	RBST1021 THRU 1040 DP SERIES SWAGING TOOL; PIN			
DWG NO.	TOOL# (see chart)-9			REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± 5° .X ± .1		DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC BLACK OXIDE USED ON BEARING SEE Pg. 1		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R. 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
SCALE	NTS	DATE	4-26-08	SHEET 6 of 9



-7

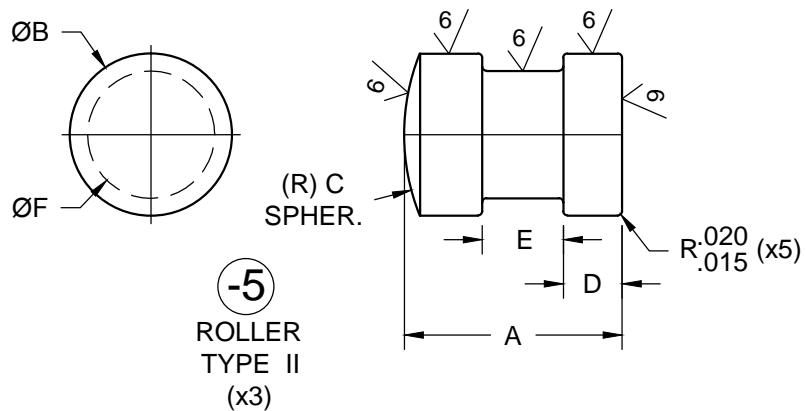
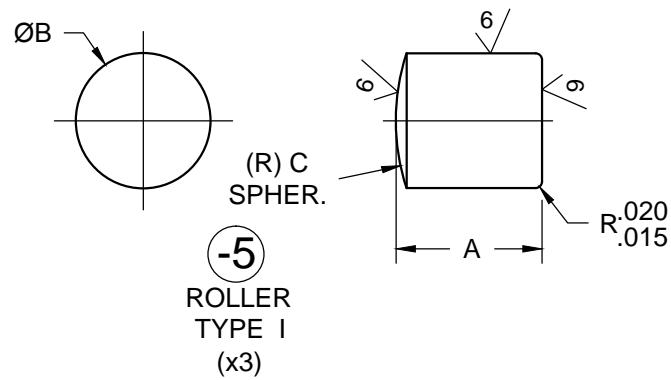
## GUIDE

## NOTES

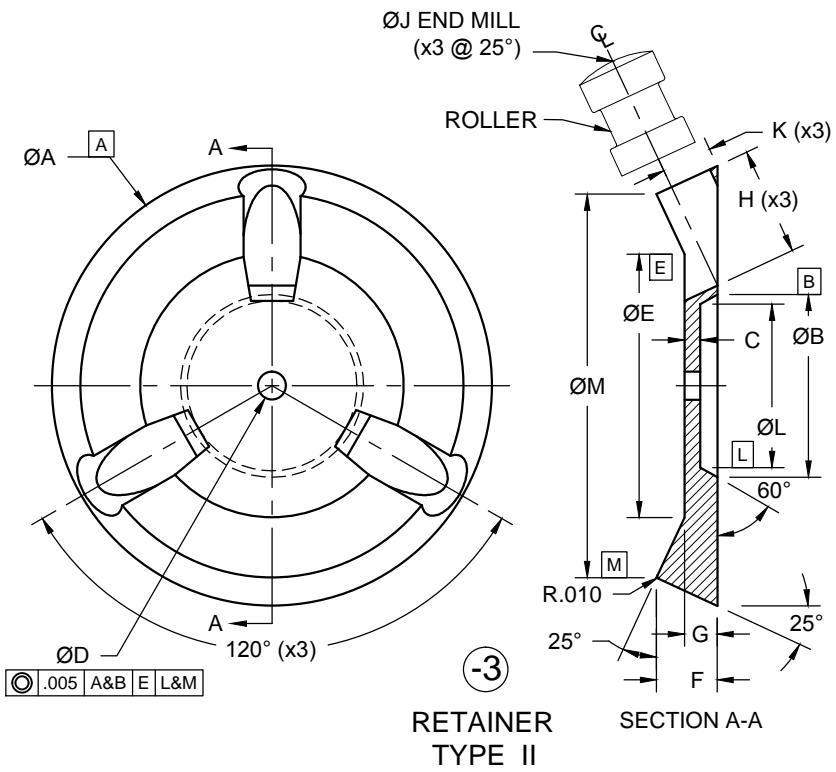
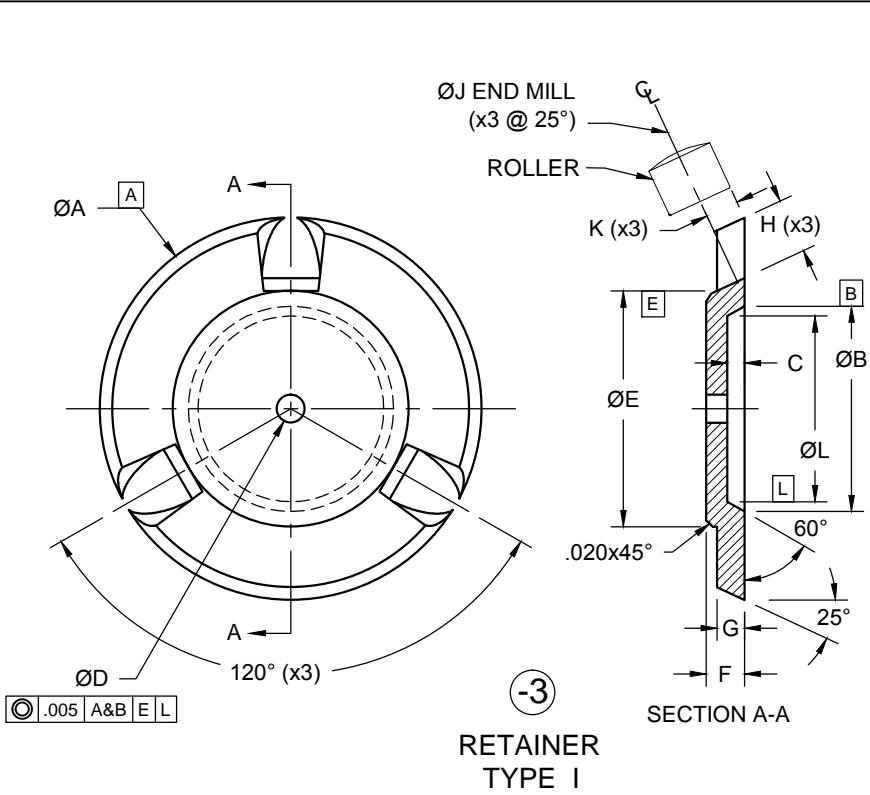
- #### NOTES

  1. BREAK ALL SHARP CORNERS (.015/.03).

 RED BARN MACHINE	
TITLE RBST1021 THRU 1040 DP SERIES SWAGING TOOL; GUIDE	
DWG NO.	REV 2
T.OOL# (see chart)-7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± .5° X ± .1	
DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC	
USED ON BEARING SEE Pg. 1	
SCALE	NTS
DATE	4-26-08
SHEET 5 of 9	

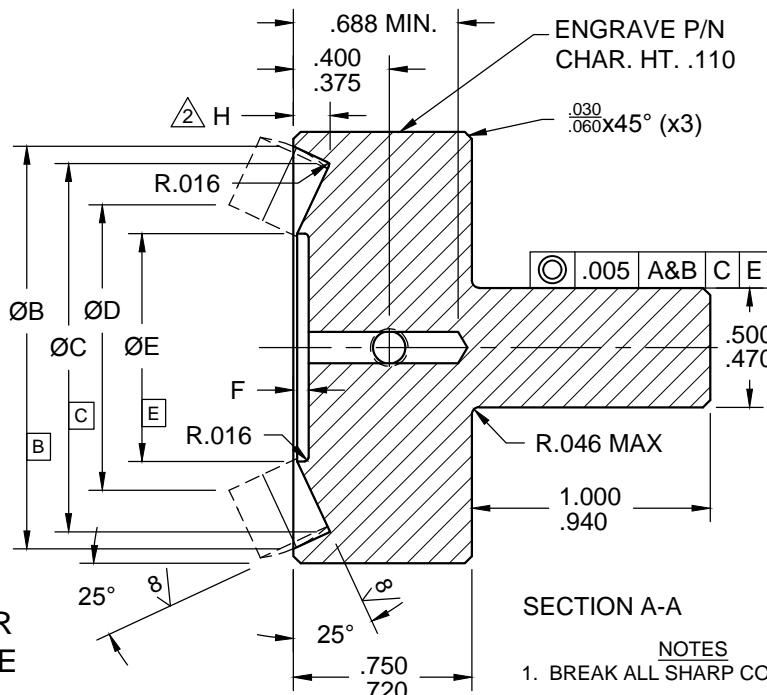
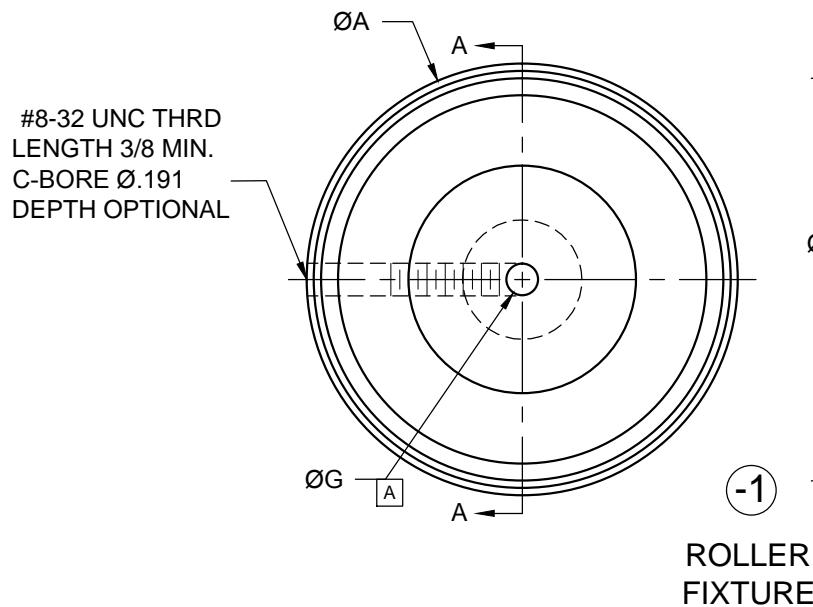


 RED BARN MACHINE		
<b>TITLE</b> RBST1021 THRU 1040 DP SERIES SWAGING TOOL; ROLLER (QTY. 3)		
<b>DWG NO.</b>	TOOL# (see chart)-5	
		<b>REV</b> 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		<b>DRAWN BY:</b> PERRITT <b>APPROVED</b>
<b>TOLERANCES ON:</b> DECIMALS $.XXX \pm .005$ FRACTIONS $\pm 1/32$ $.XX \pm .01$ ANGLES $\pm .5^\circ$ $X \pm .1$		<b>HEAT</b> <b>TREAT</b> <b>FINISH</b> <b>SPEC</b>
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ PR. $.015$ R		<b>USED ON BEARING</b> <b>SEE Pg. 1</b>
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
<b>SCALE</b>	NTS	<b>DATE</b> 4-26-08
		<b>SHEET</b> 4 of 9

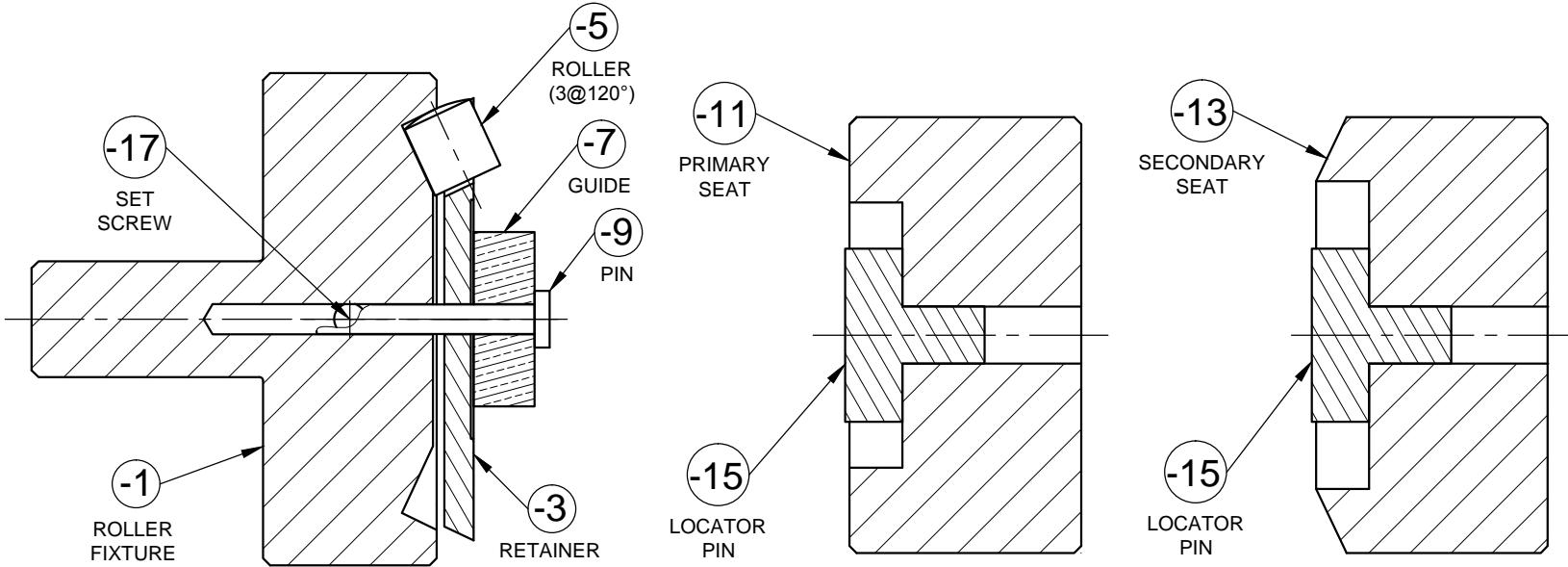


 RED BARN MACHINE	
TITLE RBST1021 THRU 1040 DP SERIES	
SWAGING TOOL; RETAINER	
DWG NO.	REV 2
T.OOL# (see chart)-3	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± .5° X ± .1	
DRAWN BY: PERRITT APPROVED	
HEAT TREAT FINISH SPEC	
USED ON BEARING	
SEE Pg. 1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	NTS
DATE	4-26-08
SHEET 3 of 9	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	-1 CH'D TOL.(H) WAS +/- .002 IS +/- .005.	6/17/13	BIM	GE



REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
1	CHANGED -5 ROLLER RADUIS FROM .005 -.010, TO .015 -.020; AND -9 PIN RADIUS FROM .015 MAX., TO .015 MIN. ALSO CHANGED -7 SLEEVE TO -7 GUIDE.	7/7/08	WP DW
1A	CH'D T/N FROM KST1021 THRU 1040.	11/19/09	RJC
2	-1 CH'D TOL(H) WAS +/- .002 IS +/- .005.	6/17/13	BIM GE



#### NOTES

- 5 ROLLERS MUST TURN FREELY IN -3 RETAINER POCKETS.
- 5 ROLLERS & -3 RETAINER MUST TURN FREELY WHEN TOOL IS COMPLETELY ASSEMBLED.
- FLAT END OF ROLLERS MUST FACE TOWARDS THE CENTER OF THE TOOL WHEN ASSEMBLED.

ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	B/O INFORMATION OR SPECIFICATIONS	Pg.
		-1	1	ROLLER FIXTURE	SEE CHART	2
		-3	1	RETAINER	SEE CHART	3
		-5	3	ROLLER	SEE CHART	4
		-7	1	GUIDE	SEE CHART	5
		-9	1	PIN	SEE CHART	6
		-11	1	PRIMARY SEAT	SEE CHART	7
		-13	0 or 1	SECONDARY SEAT	SEE CHART	8
		-15	1 or 2	LOCATING PIN	SEE CHART	9
	B/O	-17	1	SOCKET HEAD SET SCREW	#8-32 x 1/4	N/S

RED BARN MACHINE	
TITLE RBST1021 THRU 1040 DP SERIES TRI-ROLLER SWAGING TOOLS	
DWG NO.	TOOL # (SEE CHART ABOVE)
REV 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
DRAWN BY: PERRITT APPROVED HEAT TREAT LISTED PER ITEM FINISH SPEC LISTED PER ITEM USED ON BEARING SEE ABOVE	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	NTS
DATE	4-26-08
SHEET	1 of 9